Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE collection of information unless it displays a valid OMB control number are required to respond to Application Number 10/664,037 TRANSMITTAL Filing Date 9-17-2003 First Named Inventor **FORM** Guarino et al. Art Unit 1651 **Examiner Name** TBD (to be used for all correspondence after initial filing) Attorney Docket Number P-6186 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication to TC Fee Transmittal Form Drawing(s) Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Appeal Communication to TC Petition Amendment/Reply (Appeal Notice, Brief, Reply Brief) Petition to Convert to a Proprietary Information After Final **Provisional Application** Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please Identify Terminal Disclaimer Extension of Time Request below): Request for Refund **Express Abandonment Request** CD, Number of CD(s) Information Disclosure Statement Landscape Table on CD Certified Copy of Priority Remarks Document(s) Reply to Missing Parts/ PTO SB/08A and SB/08B Incomplete Application Copies of References Reply to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name Becton, Dickinson and Company Signature Printed name J. Timothy Meigs Date Reg. No. 38.241 2005

#### CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: Signature MATTLE Date J. Timothy Meigs 2005 Typed or printed name

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to This collection of information is required by 37 CFR 1.5. The information is required to obtain of retain a benefit by the public which is to file (and by the USP10 to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

# JUL 1 5 2005 EN TRADEMAN

#### <u>IN THE UNITED STATES PATENT AND TRADEMARK OFFICE</u>

App. No.:	10/664,037	Confirmation No. 2610			
Applicant(s):		Guarino et al.			
Filed:		September 17, 2003			
Title: ENVIRONMENTS THAT MAINTAIN FUNCTIO					
		PRIMARY LIVER CELL			
Art Unit:		1651			
Examiner:		TBD			
Docket No.: P-6186 (07767-187600)					

Mail Stop: Amendment Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 and 1.98, Applicants submit this Supplementary Information Disclosure Statement to bring to the attention of the Examiner, for consideration in connection with the above-referenced patent application, certain documents cited in International Patent Application No. PCT/US2004/029466, which is a foreign counterpart of the above-referenced patent application.

Applicants respectfully request that this Supplementary Information Disclosure Statement be entered and the references listed on the attached form PTO/SB/08A be considered by the Examiner and made of record. Copies of the listed references are included. Pursuant to the provisions of MPEP § 609, Applicants request that a copy of the PTO/SB/08A form be initialed as being considered by the Examiner and returned to Applicants with the next official communication.

This submission should not be construed as an admission that the references cited herein are relevant or material to patentability or constitute "prior art" to the subject patent application.

App. No. 10/664,037 Docket No. P-6186

This Supplemental Information Disclosure Statement is being submitted under 37 C.F.R. § 1.97(b) before the mailing of a first Office Action on the merits. Accordingly, no fee is believed to be due. However, if any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account No. 02-1666.

Any questions concerning this application or submission may be directed to Applicants' undersigned attorney at the below-listed telephone number.

Respectfully submitted,

July 13, 2005

J. Timothy Meigs

Attorney for Applicant(s)

Reg. No. 38,241 (919) 597-6276

PTO/SB/08A (07-05)

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Substitute for form 1449/PTO

Sheet 1

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known			
Application Number	10/664,037		
Filing Date	9-17-2003		
First Named Inventor	Guarino et al.		
Art Unit	1651		
Examiner Name	TBD		
Attorney Docket Number	P-6186		

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	-	Number-Kind Code	<del>                                     </del>		
		<sup>US-</sup> 5942436	08-24-1999	Dunn et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T°
	1	WO 03/029418	04-10-2003	Becton, Dickinson and Co.		
		WO 98/56897	12-17-1998	Fidia Adv. Biopolymers		
						<u> </u>
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Examiner	Date
Signature	Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08B (07-05)

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Substitute for form 1449/PTO	Complete if Known		
Substitute for form 1443/11/0	Application Number	10/664,037	
INFORMATION DISCLOSURE	Filing Date	9-17-2003	
STATEMENT BY APPLICANT	First Named Inventor	Guarino et al.	
(Use as many sheets as necessary)	Art Unit	1651	
(USE as many sneets as necessary)	Examiner Name	TBD	
Sheet 2 of 2	Attorney Docket Number	P-6186	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		PARK, Biological characterization of EDC-crosslinked collagen-hyaluronic acid matrix in dermal tissue restoration, Biomaterials, 24, no. 9, April 2003, pp. 1631-1641	
¨		DOILLON, Fibroblast growth on a porous collagen sponge containing hyaluronic acid and fibronectin, Biomaterials, 8, no. 3, May 1987, pp. 195-200	
		International Search Report, POTUS2004/029466, Mailed April 1, 2005.	

Examiner		Date	
Signature		Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.